Cyclic Corrosion Test Chamber LX100CTC

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Description

Cyclic Corrosion Test Chamber LX100CTC ensures standards of quality for evaluating the corrosiveness of the products with advanced equipment to perform Corrosion Testing which makes sure that the products and materials coated can stand up to repeated environmental wear and exposure. Deigned with Programmable color LCD touch screen controller and Cooling System. Cyclic Corrosion Testing is a means of accelerating a variety of corrosive climates, within the convenience of a test chamber as it predicts the life expectancy of materials and components under simulated service life conditions.

Specifications

Volume	780 L
Internal dimensions (D x W x H)	800 x 1450 x 680 mm
Overall dimensions (D x W x H)	1350 x 2650 x 1600 mm
Temperature range	+10 ℃ ~ +90 ℃
Temperature fluctuation	± 0.5 ℃
Temperature deviation	± 2.0 ℃
Humidity range	30% ~ 98% RH
Humidity deviation	+ 2%, - 3%
Salt fog deposition	1□2ml / 80cm2 · h
Cooling system	Mechanical compression refrigeration system
Refrigerating unit	French TECUMSEH compressor
Refrigerant	R449A
Heating Element	Nichrome heater
Humidifier	External isolation, stainless steel surface evaporation humidifier
Water supply system	Water purification system
Controller	Programmable color LCD touch screen controller With Ethernet interface, USB port
Sensor	Temperature Sensor PT100Ω / MV A-class Humidity Sensor Dry and wet bulb sensor

Water solution tank	External located water solution tank, support customized size; Solution tank with automatic stirring system
View window size	800 x 300 mm
Air circulation	Centrifugal wind fan
Material	Glass fiber reinforced plastics
Maximum noise	65 dBA
Environmental conditional	5℃□+35 ℃; ≤85% RH
Power Supply	AC380V 50Hz 3Phase
Net weight	480 kgs
Packing dimension	1480 x 2730 x 1820 mm
Gross weight	680 kgs

Features

- It has pneumatic open or close lid
- Build with Corrosion-resistant, high temperature resistance, and long-life materials
- Temperature measure, control and display Unit, temperature from +10℃ to +90℃
- Humidity measure, control and display Unit, humidity from 30%RH to +98%RH
- Salt fog measure and control, 1 to 2 ml/80cm2.h
- Equipped with programmable color LCD touch screen controller
- It has optional Ethernet access, USB, SO2 gas measure and control

Applications

- Cyclic Corrosion Test Chambers are used throughout the automotive, aerospace, fasteners, electronics, paints and coating industries

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